Lizard-3

Third-Generation Laser Guidance Kit

ELBIT SYSTEMS LTD.
P.O.Box 539
Advanced Technology Center
Haifa 31053, Israel
Tel: 972-4-8315315
Fax: 972-4-8550002
Web site: http://www.elbit.co.il

Lizard-3 is a 3rd generation laser guidance kit using the sensor and airframe of the Lizard and implementing a 'proportional-navigation' guidance law. This combination yields excellent hit probability against moving targets designated by a laser designator, or when there are high wind conditions over the target.

Lizard-3's seeker can be used to upgrade any existing laser kit to a 3rd generation LGB just by replacement of its seeker, and with no changes required to the rest of the kit.

Both options are adaptable to MK 82, 83 and 84 bombs. For each of these bombs a different set of airfoils (tail and canards) are used to generate adequate lift to provide proper maneuverability needed for accurate guidance toward the target.

Features

- Used with MK 82,83,84 bombs; adaptable to other bombs as well
- Uses same test equipment as the other guidance kits (Opher and Lizard)
- Uses same test policy (once a year)
- Common spare parts, tools and training resulting in reduced life cycle cost

Advantages

- Optimal performance even in high wind conditions (unlike ordinary laser bombs)
- Offers an option to upgrade existing laser guidance kits to at a cost-effective price
- Seekers of all kits are fully interchangeable to determine the mode of guidance toward the targets
- Used with MK-82, MK-83 and MK-84 bombs, and adaptable to any other bomb as well